Index of Claims

| App | lica | tion | lo O\ | ntrol | No. |
|-----|------|------|-------|-------|-----|
|-----|------|------|-------|-------|-----|

10/656,313 Examiner

William K. Cheung

Applicant(s)/Patent under Reexamination

BAUER ET AL.

Art Unit

1713

| √  | Rejected |
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| II | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| <br>Z | Non-Elected  |
|-------|--------------|
| _     | Interference |

| A | Appeal   |
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| Claim Date                                       |          |               |              | Claim Date            |         |  |   |  |          | Γ        | Claim Date      |         |  |                 |          |                    |          |          |          |            |          |          |         |         |                         |              |              |                 |
|--|----------|---------------|--------------|-----------------------|---------|--|---|--|----------|----------|-----------------|---------|--|-----------------|----------|--------------------|----------|----------|----------|------------|----------|----------|---------|---------|-------------------------|--------------|--------------|-----------------|
|  |          | ,,            |              |                       |         |  |   |  |          |          |                 |         |  |                 |          |                    |          | Γ        |          |            |          |          | Т       |         |                         |              | Γ.           |                 |
| Final  | Original | 11/9/06       |              |                       |         | 1  |   |  | Final    | Original |                 | 1       |  |                 |          |                    |          |          | Final    | Original   |          |          |         |         |                         |              |              |                 |
| 证  | Ë        | 11            | İ            |                       |         |  | 1   |  | 匠        | ,<br>Ĭ   |                 |         |  |                 |          |                    |          |          | 证        | Ë          |          |          |         |         |                         |              |              |                 |
|  |          |               |              | $\perp$               | _       | $\perp \perp$                                    |   |  |          |          | $\sqcup$        |         | 1  |                 |          | $\bot$             |          | L        |          |            |          |          | $\perp$ | 4       | _                       |              | ot           |                 |
| $\vdash$   | 1        | 1             | _            |                       |         | $\perp \perp$                                    | 1   |  |          | 51       |                 | 4       |  | Ш               |          | $\perp$            | _        | L        |          | 101        |          | $\perp$  | 4       | 4       | $\bot$                  | _            | 丄            | 1               |
| $\vdash$   | 2        | ٧.            |              |                       |         | <del>     </del>                                 | -   |  |          | 52       |                 |         | _  | Ш               | $\perp$  | $\perp$            |          | L        |          | 102        |          |          | $\bot$  | $\bot$  | $\bot$                  | +            | ╄            | <u> </u>        |
|  | 3        | 1             | +            | $\vdash \vdash$       |         | ╁  | +-  |  |          | 53       | $\dashv$        | +       | +  | $\vdash$        |          | +                  |          | ŀ        | _        | 103        |          |          | +       | +-      |                         | +            | ├            | ـ               |
|  | 5        | <b>√</b>      | +            | ₩                     | +       | +  | +-  |  |          | 54<br>55 | $\dashv$        | +       | -  | $\vdash$        |          | +                  |          | ŀ        |          | 104<br>105 | -        | -        | +-      | ╌       | +                       | +            | ⊬            | ⊢               |
| $\vdash$   | d)       | <del>`</del>  | +            | $\vdash$              | +       | ++   | +-  |  |          | 56       | $\dashv$        | +       | +  | $\vdash$        |          | +                  | -        | ŀ        |          | 106        | $\vdash$ | -        | +       | +       |                         | ┿            | ╁            | ┢               |
|  | +        | -+            | +-           | $\vdash \vdash$       | +       | ++-  | +   |  |          | 57       |                 | ╅       | +  | Н               | +        | +                  | $\dashv$ | ŀ        |          | 107        |          | $\dashv$ | +       | +       | ╁                       | +            | $\vdash$     | ╆               |
| -  | -        | +             |              | <del>   -</del>       | +-      | +-   | +   |  |          | 58       | -+              | ╁       | +  |                 | $\dashv$ | +                  |          | ŀ        |          | 108        | $\vdash$ | -        | +       | +       | ╁                       | +            | ╁            | $\vdash$        |
|  | 1        | -+            | +            | $\vdash$              | +       | tt   | +   |  |          | 59       | -               | 十       | +  | H               | +        | +                  | $\dashv$ | H        |          | 109        |          | -        | +       | +       | +                       | +-           | ╁            | $\vdash$        |
| <u> </u>   | 10       | $\dashv$      | $\top$       | $\vdash$              |         | $\dagger \dagger$                                |   |  |          | 60       | $\vdash$        | 十       | 1  | H               |          | 11                 |          | H        |          | 110        |          |          | 十       | +       | 十                       | +            | t            | $\vdash$        |
|  | 1        |               | +            |                       | 1       |  | 1   |  |          | 61       |                 |         | †  | $\Box$          | 十        | $\vdash$           |          | r        |          | 111        |          |          | $\top$  | $\top$  | $\top$                  | +            | ⇈            | $\vdash$        |
|  | 12       |               | $\top$       |                       | 1       |  |   |  |          | 62       |                 | _       | T  | П               | 十        | $\top$             |          | ۲        |          | 112        |          | $\neg$   | $\top$  | $\top$  | $\top$                  | $\top$       | $\Box$       | П               |
|  | 18       |               |              |                       |         |  |   |  |          | 63       |                 |         |  |                 |          |                    |          | Γ        |          | 113        |          |          |         | ╛       |                         | Ι            | Γ            |                 |
|  | 14       |               |              |                       |         |  |   |  |          | 64       |                 |         |  |                 |          |                    |          |          |          | 114        |          |          | 1       | Ι       | $oldsymbol{\mathbb{L}}$ |              |              |                 |
|  | 15       |               | <u> </u>     |                       | $\perp$ | $\Box$   | $\perp$   |  |          | 65       | $\Box$          | $\perp$ | $oxed{\Box}$   | П               | I.       |                    |          |          |          | 115        |          | $\Box I$ |         | I       |                         |              | 匚            |                 |
| $\sqcup$   | 16       |               |              |                       |         | $\sqcup$   | _   |  |          | 66       |                 | $\perp$ | $\perp$  | $\Box$          |          |                    |          | L        | ]        | 116        | Ш        |          |         | $\perp$ | $\perp$                 |              | oxdot        | $\Box$          |
|  | 17       | 1             |              |                       | $\bot$  |  | 4   |  |          | 67       | $\sqcup \bot$   | $\perp$ | $\perp$  | $\sqcup$        |          | $\sqcup$           | _        | L        |          | 117        |          | _ _      | _       | $\perp$ | $\perp$                 | $\perp$      | <u> </u>     | $\sqcup$        |
| $\vdash$   | 18       | _             |              | $\vdash$              | -       | ₩.   | 4   |  |          | 68       | -               | _       | 1_   | $\sqcup$        | _        |                    |          | L        |          | 118        |          |          | 4       | $\bot$  | -                       | $\perp$      | ╙            | $oxed{oxed}$    |
| $\vdash \vdash$                                  | 19       | $\dashv$      | +            | $\vdash \vdash$       | 4       | $\vdash$   | _   |  |          | 69       | $\perp$         | _       | $\bot$   | $\sqcup$        |          | $\perp$            |          | L        |          | 119        |          |          | _       | 4       | 4                       | $\bot$       | ╙            | igspace         |
|  | 20       | -             | +            | $\vdash$              | +       | +  | +   |  |          | 70       | -               |         | +  | $\vdash$        |          | +                  |          | -        |          | 120        | -        |          | +       | +-      | +                       | +            |              | ├-              |
| -  | 21<br>22 | 1             |              |                       | +       | +  | +   |  |          | 71       |                 | +       | +  | $\vdash$        | $\dashv$ | +                  |          | ŀ        |          | 121        | $\dashv$ |          | +       | +       | +-                      | +-           | ⊢            | ├               |
| -  | 23       | <b>√</b>      |              |                       | +       | $\vdash$   | +   |  |          | 72<br>73 |                 |         | +  | $\vdash$        |          | 1-1                |          | ŀ        |          | 122<br>123 |          |          | +       | +       | +-                      | +            | ⊢            | ⊢               |
| $\vdash$   | 24       | $\rightarrow$ | +            | <del>     </del>      | +       | +  | +   |  | <u> </u> | 74       | -               | +       | +  | $\vdash$        |          | +                  |          | ŀ        |          | 124        |          |          | +       | +       | ┿                       | +            | $\vdash$     | ⊢               |
| $\vdash$   | 25       | -             | +            | $\vdash$              | +       | +  | +   |  |          | 75       |                 | ╁       | +-   | H               | -        | +                  |          | ŀ        |          | 125        |          |          | +       | +       | ╁                       | +            | ╁            | ╁               |
|  | 26       | $\dashv$      |              | $\vdash$              | +       | ++   | +-  |  |          | 76       |                 |         | +  | H               | +-       | +                  |          | ŀ        | -        | 126        |          |          | +       | ╁       | ╁                       | +            | $\vdash$     | $\vdash$        |
| <b>-</b>   | 2        | $\vdash$      | +            | $\vdash$              | +       | +  | +   |  |          | 77       |                 | +       | +  | H               | -        | $\Box$             |          | ┢        |          | 127        |          |          | +       | +       | +                       | +            | $\vdash$     | $\vdash$        |
|  | 28       |               | 1            | $\vdash$              | 1       | 1 1"   | 1   |  |          | 78       | $\neg$          | $\top$  |  | $\vdash$        | _        | $\top$             |          | -        |          | 128        |          | $\dashv$ | 十       | 十       | ╅                       | 1            | t            | H               |
|  | 29       |               |              | П                     |         |  | 1   |  |          | 79       | $\neg \uparrow$ |         | $\top$   | П               | $\neg$   | 1                  |          | r        |          | 129        |          | 一十       | 十       | $\top$  | ┰                       | 1            |              | $\vdash$        |
|  | 30       |               |              |                       |         |  |   |  |          | 80       |                 |         | 1  | $\Box$          | $\neg$   | $\top$             |          | r        |          | 130        |          |          | 1       | 十       | $\top$                  | $\top$       | Т            | Г               |
|  | 31       |               |              |                       |         |  |   |  |          | 81       |                 |         |  |                 |          |                    |          | Γ        |          | 131        |          | $\neg$   | ┪       | 7       | T                       |              |              | П               |
|  | 32       |               |              |                       |         |  |   |  |          | 82       |                 |         |  |                 |          |                    |          |          |          | 132        |          |          |         |         |                         |              |              |                 |
|  | 38       |               |              |                       |         | Ш.   |   |  |          | 83       | ot              | _ _     | $oldsymbol{ol}}}}}}}}}}}}}}}}}$  |                 |          |                    | _        | L        |          | 133        |          | $\perp$  | ┵       | 丄       | $\perp$                 | $\perp$      | $oxed{oxed}$ |                 |
| $\sqcup \downarrow$                              | 3        | 4             | 4            | $\sqcup \!\!\! \perp$ |         | $\vdash \vdash$                                  |   |  |          | 84       |                 | 4-      | $oldsymbol{\perp}$   | $\sqcup$        |          | $\perp \downarrow$ | _        | L        |          | 134        |          |          | $\bot$  | $\perp$ | $\bot$                  | 1            | ₩            | Ш               |
| $\vdash \vdash$                                  | 35       | _             | +            | $\vdash \vdash$       | +-      | $\vdash$   | $\perp$   |  |          | 85       |                 | ╁.      | $\perp$  | $\sqcup$        | _ _      | $\sqcup$           | _        | L        |          | 135        | _        | $\perp$  | 4       | 4       | $\bot$                  | 4            | $\vdash$     | $\sqcup$        |
| $\vdash \dashv$                                  | 36       | -             | +            | <del>   -</del>       | +       | $\vdash$   | +   |  | ļ —      | 86       | $\dashv$        | +       | $\vdash$   | $\vdash \vdash$ | - -      | 1-1                |          | ŀ        |          | 136        | $\dashv$ | _        | - -     | 4       | +                       | 4            | ₩            | $\vdash \vdash$ |
| $\vdash \rightarrow$                             | 37       | -             | +            | -                     |         | $\vdash$   | +   |  |          | 87       | +               | +       | +  | $\vdash$        | -        | ₩                  |          | 1        |          | 137        |          | +        | +       | +       | +                       | +            | $\vdash$     | $\vdash$        |
| $\vdash \vdash$                                  | 38<br>39 | +             | +            | $\vdash$              | +       | $\vdash$   | +   |  |          | 88<br>89 | +               | +       | $\vdash$   | $\vdash$        | +-       | ╁┼                 | :::      | 1        | $\dashv$ | 138<br>139 | -        | +        | +       | +-      | +                       | +            | ₩            | $\vdash$        |
| $\vdash \vdash$                                  | 40       | 1             | +            | -                     | +       | <del>                                     </del> | +   |  |          | 90       | -               | +       | ++   | $\dashv$        | +        | ╁┤                 |          | H        | $\dashv$ | 140        | $\dashv$ | +        | +       | +       | ╁                       | +            | +-           | $\vdash$        |
| $\vdash$   | 41       | 1             | +            | +-                    | +-      | $\vdash$   | +   |  |          | 91       | $\dashv$        | +       | +  | -+              | $\dashv$ | ╁┤                 |          | $\vdash$ | +        | 141        | $\dashv$ |          | +       | +       | +                       | +            | $\vdash$     | $\vdash$        |
| $\vdash \vdash$                                  | 42       | ╗             | +            |                       | +       | $\vdash$   | +   |  | $\vdash$ | 92       | $\dashv$        | +       | $\vdash$   | $\vdash$        | +        | ╂═┤                | -        | 1        |          | 142        | $\dashv$ | $\dashv$ | +       | +       | +                       | +-           | $\vdash$     | $\vdash$        |
| <del>                                     </del> | 43       |               | +            | $\vdash$              | +       |  | +   |  |          | 93       | $\dashv$        | +       | +  | $\vdash \vdash$ | +        | +                  | -        | ۲        |          | 143        |          | $\dashv$ | +       | $^{+}$  | +                       | +            | $\vdash$     | H               |
|  | 44       | $\top$        | $\top$       | $\vdash$              | +       |  | 1   |  |          | 94       | +               | +-      | $\dagger \exists$  | $\dashv$        | $\top$   | $\dagger \dagger$  |          | ۲        |          | 144        | _        | $\dashv$ | $\top$  | $\top$  | $\top$                  | T            | $\vdash$     | Н               |
|  | 45       | $\neg$        | $\top$       | -                     | $\top$  |  | $\top$  |  |          | 95       | $\top$          | +       | $\top$   | $\Box$          | +        | 1-1                | -        | ۲        |          | 145        |          | $\dashv$ | $\top$  | Ť       | $\top$                  | 1            | $\vdash$     | П               |
| $\Box$   | 46       |               | $\neg \neg$  |                       | 1       |  |   |  |          | 96       | $\dashv$        | $\top$  | $\sqcap$   | $\dashv$        | $\neg$   | Π                  | 7        | ۲        |          | 146        | $\neg$   |          |         | ┱       | $\top$                  | 1            |              |                 |
| 1  | 47       |               | $oxed{\Box}$ |                       |         |  |   |  |          | 97       |                 | I       | $\prod$  |                 |          | $\Box$             |          | Γ        |          | 147        |          |          |         |         | I                       |              |              | П               |
|  | 48       |               |              |                       |         |  |   |  |          | 98       |                 |         |  |                 |          |                    |          |          |          | 148        |          |          |         | Ι       | $oldsymbol{\mathbb{I}}$ | $oxed{\Box}$ |              |                 |
|  | 49       |               |              |                       |         |  |   |  |          | 99       | T               |         |  |                 |          |                    |          | L        |          | 149        |          |          |         |         |                         |              |              |                 |
| ш  | 50       |               | Ш            |                       |         |  | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |  |          | 100      | 丄               |         | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |                 | $\perp$  | $\perp$            |          | L        |          | 150        | I        |          |         |         | L                       |              | $oxed{oxed}$ |                 |